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FURTHER SUBSTITUTE SPECIFICATION



Title of the Invention: SYSTEM HAVING AN ELECTRIC DEVICE WHICH
FUNCTIONS BOTH AS AN ELECTRIC MOTOR FOR DRIVING MACHINES
AND AS A GENERATOR TO GENERATE ELECTRICAL POWER, AND
HAVING A POWER SOURCE FOR DRIVING THE ELECTRIC DEVICE

Background of the Invention:

<Technical Field>

The present invention relates to a system respectively having a function
for driving machines and having an electrical power generation function.

<Prior Art>

In general, an electric motor drives machines (apparatus) such as a
rotating machine, a pump and a blower etc., and has this single function of
driving the machine. For example, the pump is used merely in a transportation
of fluid, the blower is used merely to send the air. The electric motor used to
drive the pump, blower, etc., is not utilized for power generation.

Summary of the Invention:

An object of the present invention is to provide a system having an
electric device functioning respectively both as an electric motor for driving
machines and as an electrical generator in an electrical power generation
system, wherein another electric motor, an internal combustion engine, or wind
power or hydraulic power from outside is utilized to provide power to the device
which can both drive a machine and generate electrical power, thereby an
electrical power generation function can be obtained.

Another object of the present invention is to provide a system having an
electric device functioning respectively both as an electric motor for driving

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